



Feature

- Citizen COB adopted, delivering 140 to 160 lumen per watt, converting more power to light.
- Patented passive cooling solution to manage surface temperature rising of luminaire at 30°C, junction temperature of led chip controlled at 100°C.
- Optical glass led lens with a light transmission more than 99%, offering the least light output loss, special rectangle shape designed to have a symmetric beam patter.
- 50000 hours lifespan putting the luminaire replacement circle to 20 years.
- IP66 (Excluded E27 and E40) water and dust proof, and aluminium alloy fixture with corrosion resistant.
- Power factor at 0.9-0.99.
- Easiest installation and maintenance, each part is replaceable.
- 3 years warranty.
- CE, FCC, RoHS and TISI marked.

Specifications

General Informations		Operating Humi. Lifespan Warranty	
Product Name	NEX Saturn LB-80	Operating Humi.	10% to 90%
Rated Power	80W	Lifespan	50000 Hrs.
LED Chip	Citizen COB	Warranty	3 Years*
LED Efficacy	≥140 lm/W	Electrical Informations	
Luminous Efficiency	≥120 lm/W	Input Voltage	AC170-250V
Luminous Flux	≥9630 Lumen	Frequency	50/60Hz
Color Temp.	Natural white (4500K±400) (2700K-6500K Optional)	Output Current	0.37A
CRI (Ra)	≥80	Power Factor	≥0.99
Beam Angle	45D,65D,85D,120D	Power Efficiency	≥86%
Lens Material	Optical glass	Total Harmonic (THDi)	≤10%
Lens Light Transmission	99%	Surge Protection	2kA
IP Protection	IP54	Certificates & Test reports	
Replacement	170W-220W HID	Certificates	CE,RoHS,FCC
Dimensions	Ø192x170 mm	Test Reports	LM80/TM21
Lamp Base	E40	Remark: The information contained in this document is subject to change without notice. * 18Hrs/Day	
Weight	2.06 Kg.		
Housing Material	Aluminum alloy		
Housing Color	Black color		
Operating Temp.	-40°C to 45°C		

NEX Office & Showroom

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